



**PETROAMAZONAS EP**

AGUA DE PRODUCCIÓN  
T-103A  
PETROAMAZONAS EP  
CAPACIDAD: 11.000 BLS



**PETROAMAZONAS EP**

**#Desarrollo  
Responsable**

## Petroamazonas EP: who we are

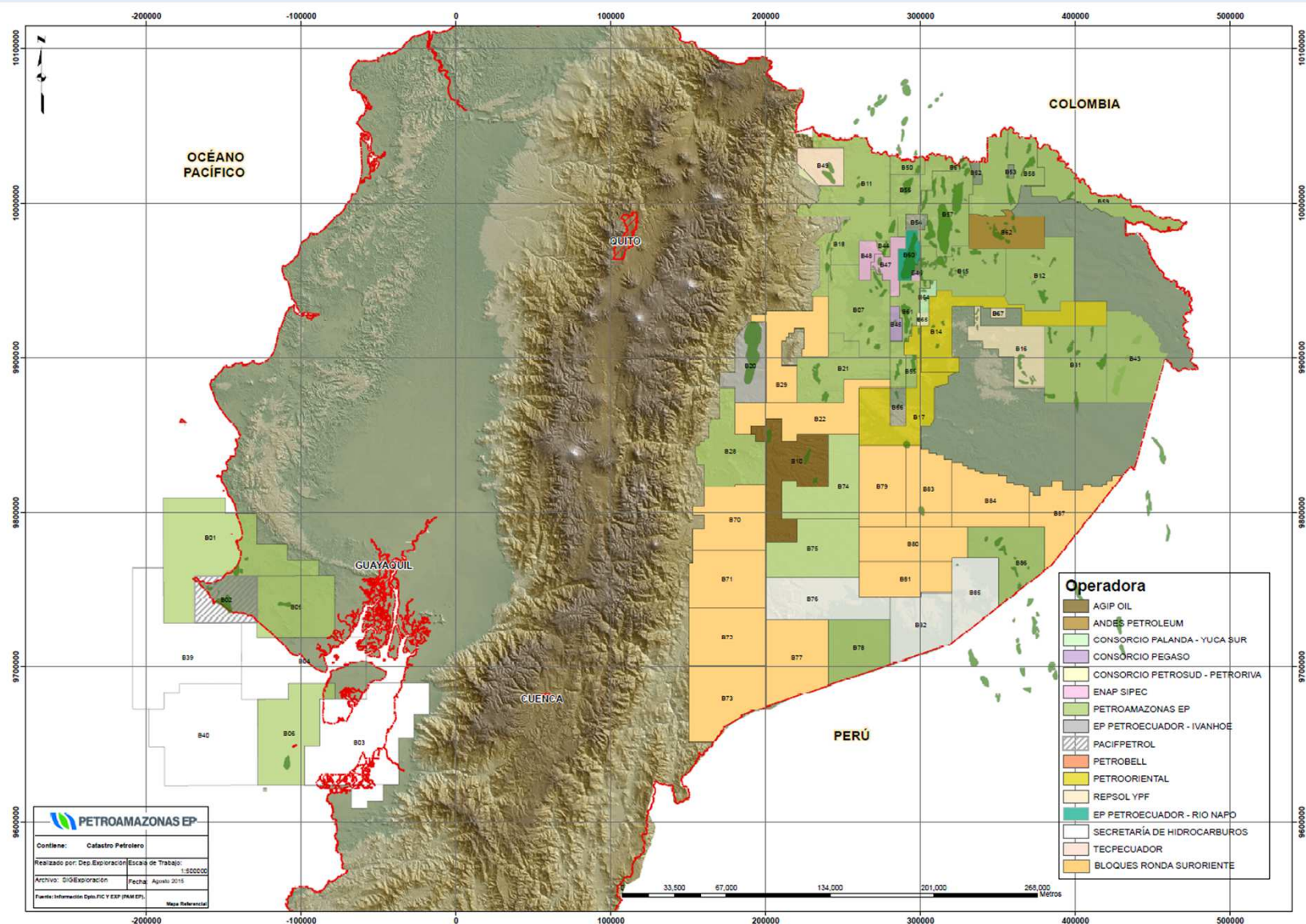
-  Petroamazonas EP is the **National E&P Company** from Ecuador.
-  We are in charge of the operation of **23 Blocks**, 20 located on the Oriente Basin in Ecuador and 3 Blocks in the Coast.
-  The Hydrocarbons Secretariat of Ecuador (SHE) assigned **blocks 74 and 75** and pre-assigned **blocks 78 and 86** to Petroamazonas EP in order to find a partner for the exploration and development of these blocks.
-  The Oil in Place (POES) at December 31, 2014 is approximately **24,315 MMBO** (including 5,904 MMBO of Block 60 - Río Napo).
-  The total remaining reserves in producing blocks are approximately **2,600 MMBO**, including 593 MMBO of Block 60\* - Río Napo (Petroamazonas EP owns 70% of Río Napo).
-  Current oil production: 423.000 bopd (including 73.000 bopd of Río Napo)  
Heavy oil production (under 22 API) is 25% of total Production
-  We hold the international certifications of **ISO 14001**, **OHSAS 18001** and **ISO 9001**.



# OIL BLOCKS ORIENTE BASIN



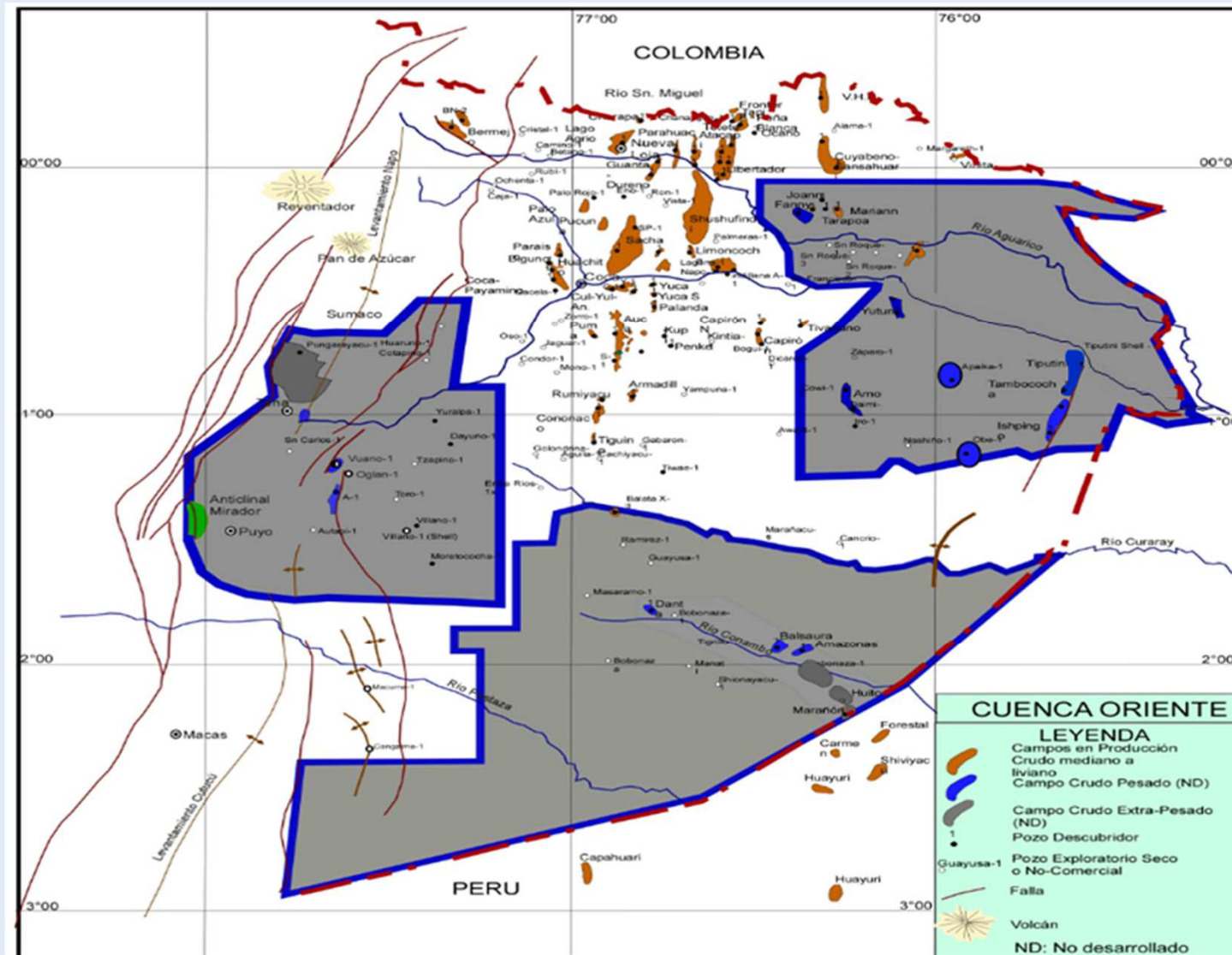
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# PROSPECTIVE HEAVY OIL AREAS



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# OGE &EE PROJECT

## Reduction of toxic air emissions and Electric Power Optimization



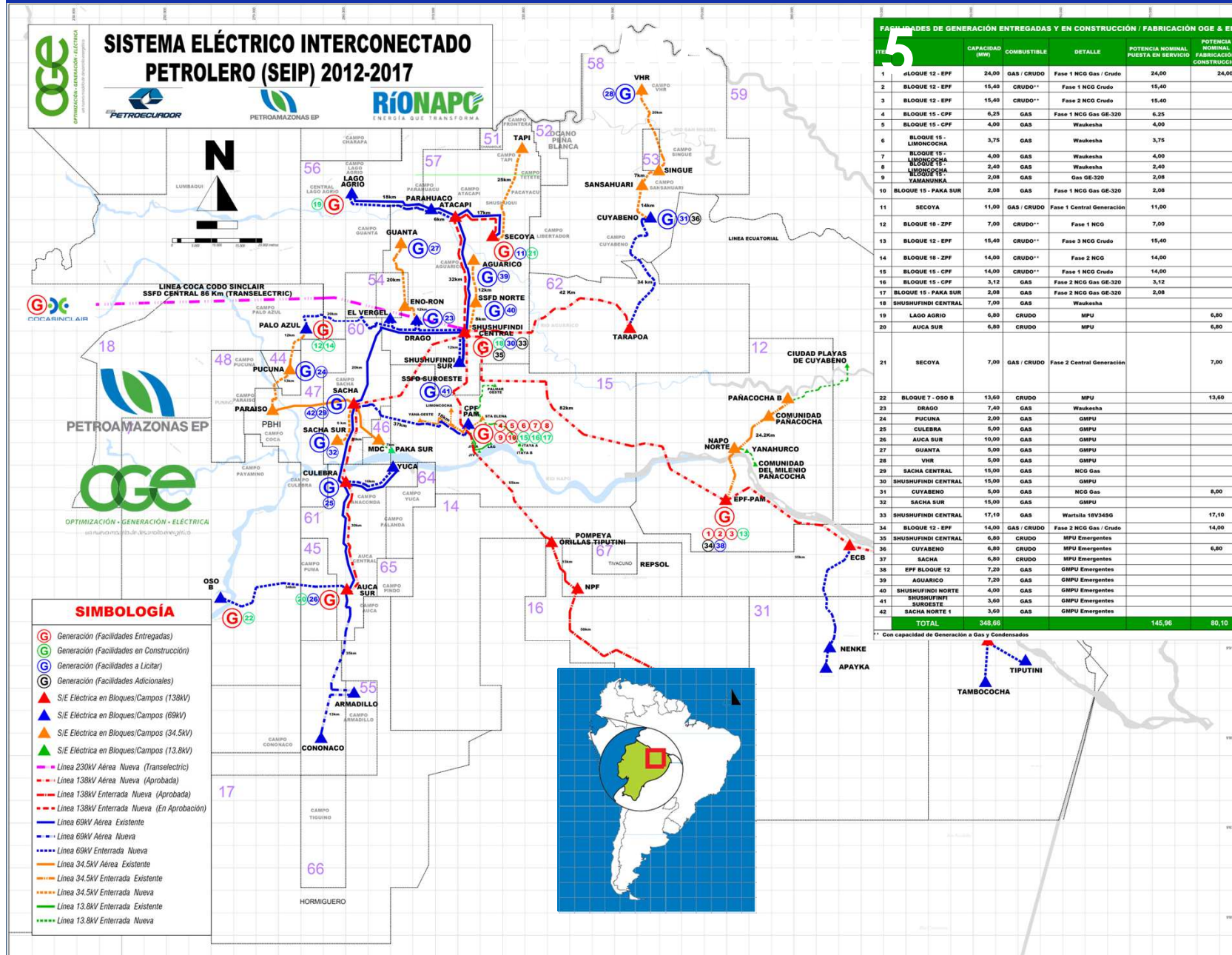
The existing business environment in the oil industry (still) shows high levels of gas flaring in the Ecuadorian oil sector.

Over the past 30 years, prior to implementing the Energy Efficiency Initiative through the OGE&EE Project, the Ecuadorian Oil Industry: **ENERGÉTICA (OGE&EE):**

- ▼ Developed only 15 MW of additional gas / crude power generation facilities which represents no more than 4.4% of the total power demand in the year 2023 (by means of the OGE&EE Project the State is developing over 300 MW).
- ▼ Over 100 million cubic feet of associated gas were burned per day whereby its value in Barrils Oil Equivalent represents over US \$ 14 billion.
- ▼ Overall utilization factor in the range of 30-35% which means that for every 1 MW power demand it had to install ~3 MW (by means of the OGE&EE Project the overall utilization factor will increase to > 70%).

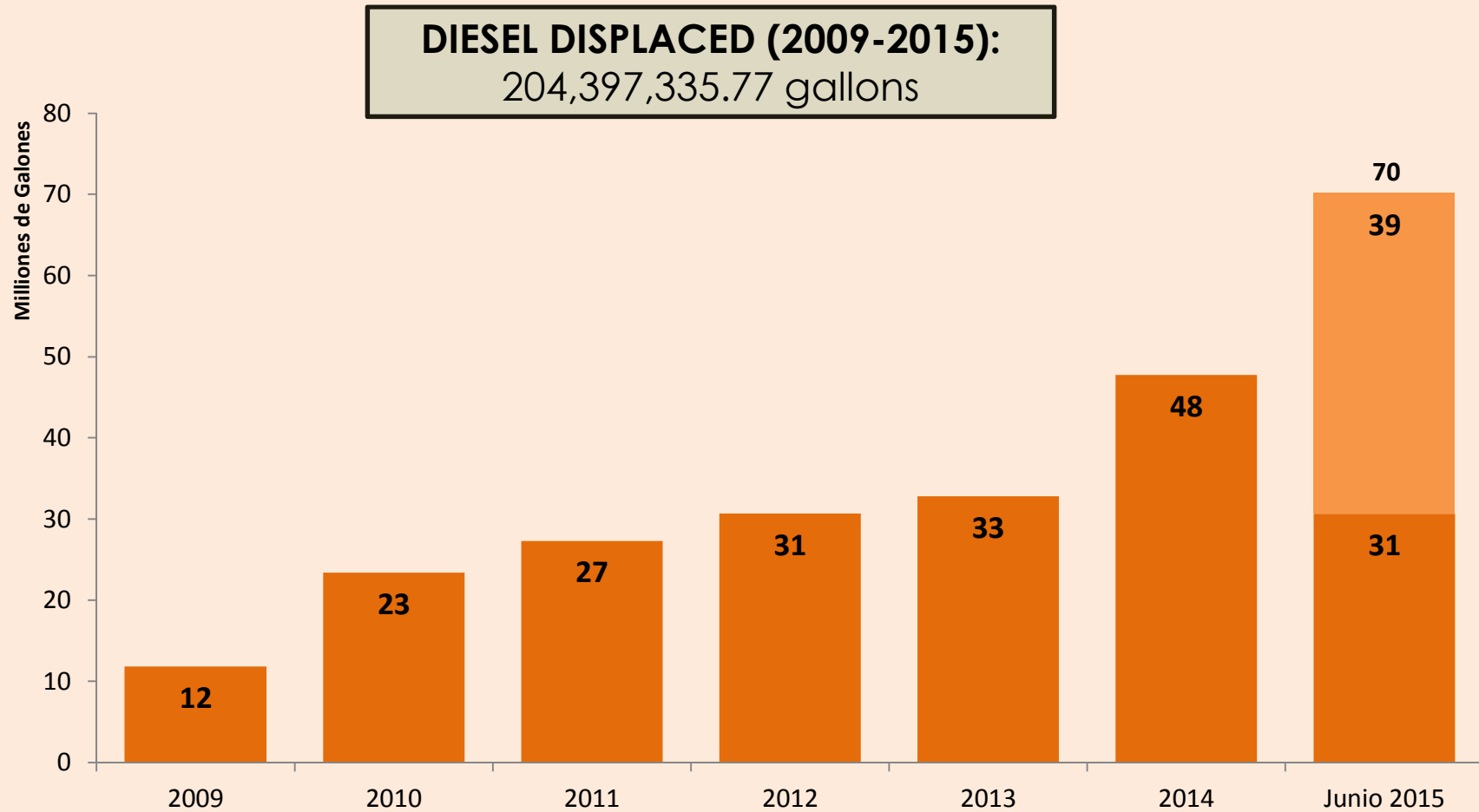


# PROJECT CLUSTER APPROACH



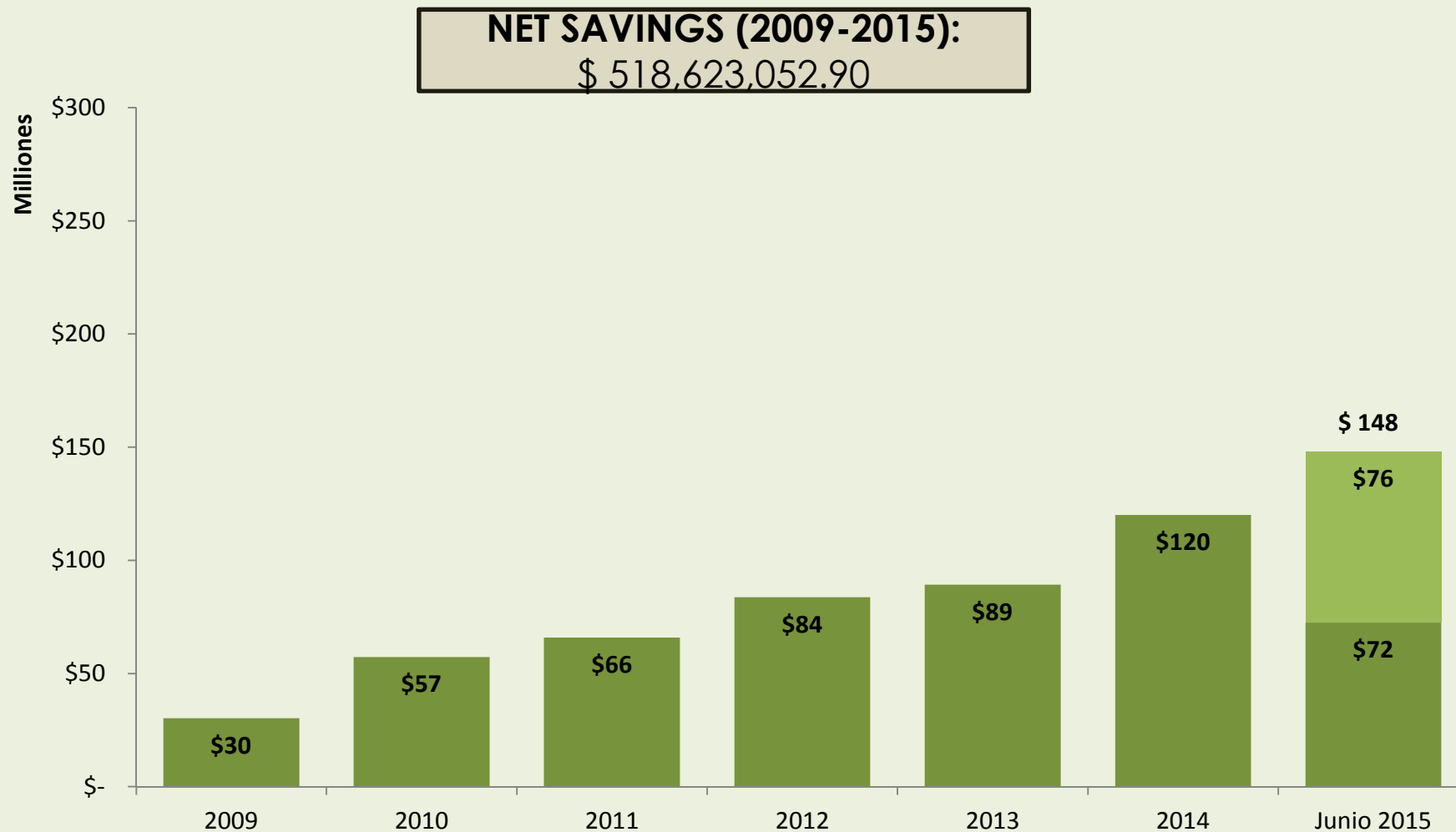
# FUEL SAVINGS

DIESEL DISPLACED BY THE PROJECT OVER THE PERIOD June 2009 – June 2015



# ECONOMIC RESULTS: NET SAVINGS

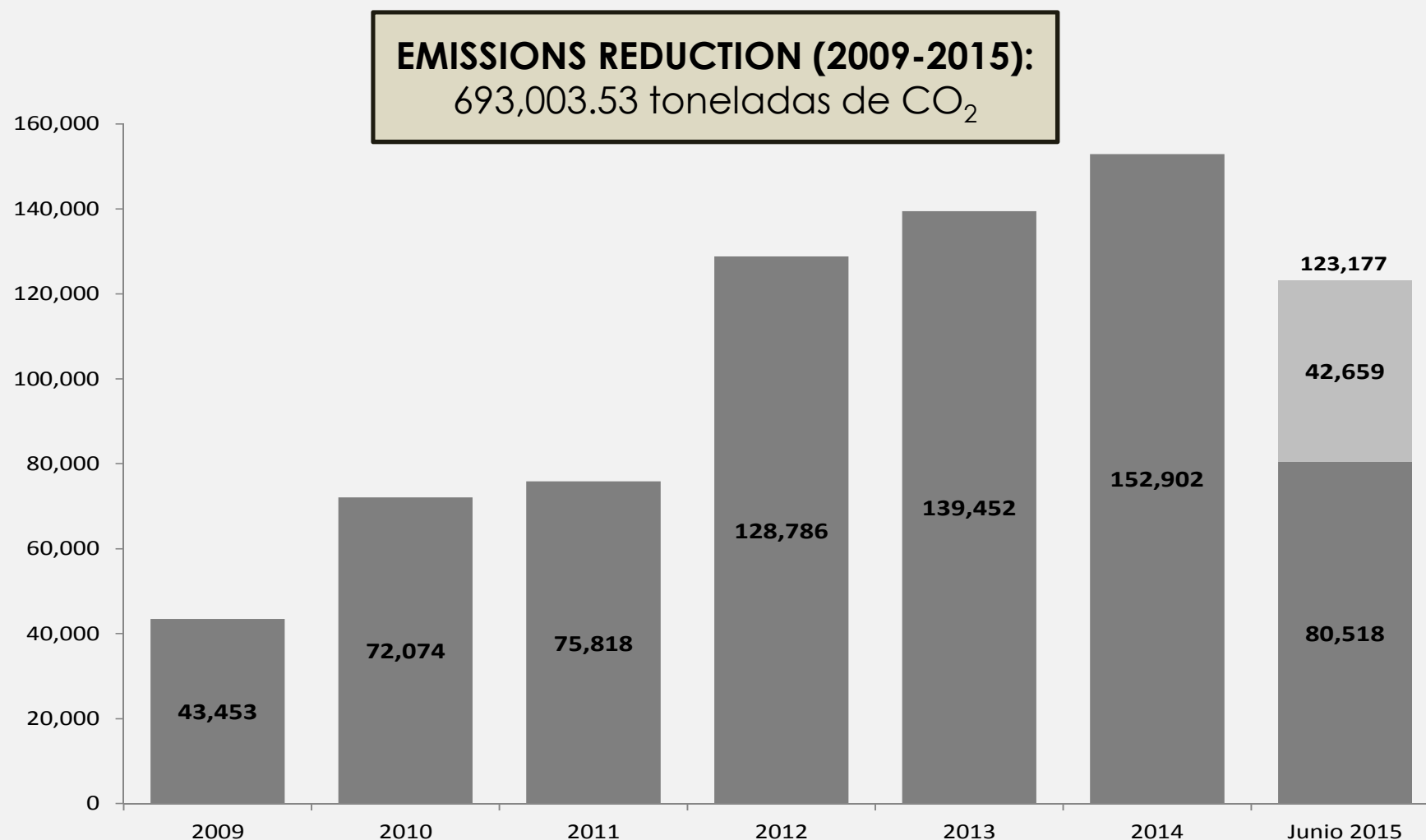
ECONOMIC SAVINGS OVER THE PERIOD June 2009 – June 2015

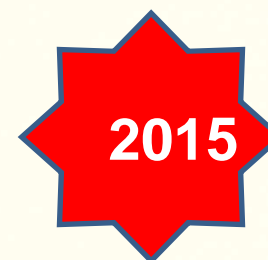




# ENVIRONMENTAL BENEFITS

## CO2 EMISSIONS REDUCTION OVER THE PERIOD June 2009 – June 2015





Gas Flaring Reduction

# *Excellence Award 2015*

Certificate Presented to

**Petroamazonas EP and Power Latinamerica Inc**

for

**Implementation of a gas flaring reduction and power generation program in Ecuador**

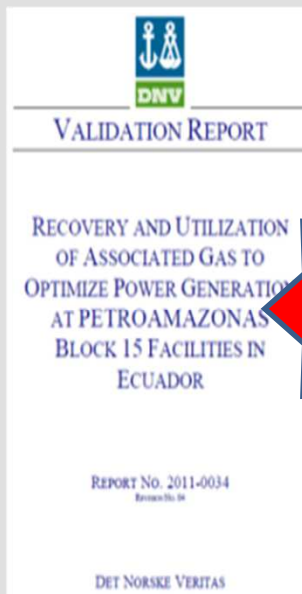
Awarded by the Global Gas Flaring Reduction Partnership at the 4<sup>th</sup> GGFR Global Forum  
Khanty-Mansiysk, Russian Federation, September 9-10, 2015

A handwritten signature in blue ink, reading 'Anita George', written over a horizontal line.

**Anita Marangoly George**  
The World Bank  
GGFR Chair

A handwritten signature in blue ink, reading 'Bjorn Hamso', written over a horizontal line.

**Bjorn Hamso**  
GGFR Program Manager



2010



2012



2011



2013

